

Title (en)

Developer supplying cartridge, developer receiving cartridge, process cartridge and image forming apparatus

Title (de)

Entwicklerzuführungskartusche, Entwickleraufnahmekartusche, Verarbeitungskartusche und Bilderzeugungsvorrichtung

Title (fr)

Cartouche de fourniture de révélateur, cartouche de réception de révélateur, cartouche de procédé et appareil de formation d'images

Publication

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Application

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Priority

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Abstract (en)

A developer supply cartridge (2), detachably mountable to an image forming apparatus (34) in a direction (C), for supplying a developer to a developer receiving cartridge (1) including two pins (19b,19c) arranged in the direction (C), said developer supply cartridge (2) comprising: a container body (21) having an inner space for containing developer and a discharge opening (23) for permitting discharge of the developer from said container body (21); and a rotatable disk (27) including a plurality of sets of recesses (27b) each of which extends radially and a plurality of land portions which are disposed between adjacent ones of said recesses (27b), said land portions having respective surfaces which are effective to rotate said rotatable disk in two rotational directions, wherein by a relative movement between the developer receiving cartridge (1) and said developer supply cartridge (2), two of said recesses (27b) are engaged with said two pins (19b,19c) respectively, and one of said two recesses (27b) is capable of opening and closing said discharge opening (23), and the other one is capable of closing said discharge opening (23).

IPC 8 full level

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CPC (source: EP KR US)

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